

Amendments to the Specification:

Please amend the paragraph on page 5 at lines 10 – 13 as follows below:

“Where a only one single PN junction is used, currents I1 and I2 have different current values and are successively applied to the PN junction via a corresponding one of the terminals (see FIG. 1 where either the currents are applied to Q1 via only terminal 1, or the currents are applied to Q2 via only terminal 2). VBE1 is measured during the first applied current (I1) and VBE2 is measured during the second applied current (I2) to the same terminal (see FIG. 1, where the voltage measurement is only from terminal 1 for Q1, or only from terminal 2 for Q2).”